

# ALCOSWITCH

## DIP Switch TDS Series

TE Connectivity's (TE) ALCOSWITCH DIP switch TDS series is designed for unique coding and streamlined manufacturing with full surface mount products. The tri-state configuration of each position allows for more advanced address setting on the DIP switch, thus providing more security in the application. The TDS series is available in both raised and recessed actuator versions. Parts are also available in both tube and tape & reel packaging, and are available with a top tape seal.



### Applications

- Industrial and Automated Control Boards
- Fire and Security Systems
- Thermostats
- Home Automation
- Telecommunication Devices

### Electrical

- Current Voltage Rating  
Non switching 100 mA @ 50 VDC  
Switching 25 mA @ 24 VDC
- Contact resistance 100 mΩ max
- Dielectric strength 500 VAC for 1 minute
- Capacitance 5 pF max @ 1 MHz

### Mechanical

- Actuator force 1,000 gf max
- Actuator travel 0.8mm
- Life cycle 2,000 cycles
- Operating temperature -20° C to +85° C
- Storage temperature -40° C to +85° C

### Materials

- Base/Cover: High temperature Nylon (UL94-VO)
- Contact: Cu alloy, Au over nickel plated
- Terminal: Brass, Au plated
- Actuator: LCP (UL94 V-O)

### Benefits

- Tri-state positioning for unique coding configurations that provide added security
- Raised or recessed actuators for design flexibility
- Gold contact plating for high reliability and corrosion resistance
- Tape and reel packaging with top tape seal available for quick pick-and-place assembly

# ALCOSWITCH DIP SWITCH TDS SERIES

## Product Key



## Product Selection Information

Part Number	Description	Position	Actuator Type	Sealing	Packaging
<a href="#">2319747-1</a>	TDS04SGNNTU04	4	Raised	No Tape Seal	Tube
<a href="#">1-2319747-6</a>	TDS04SGNNTRO4	4	Raised	No Tape Seal	Tape & Reel
<a href="#">1-2319747-8</a>	TDS08SGNNTRO4	8	Raised	No Tape Seal	Tape & Reel
<a href="#">2319747-4</a>	TDS09SGNNTU04	9	Raised	No Tape Seal	Tube
<a href="#">2319747-7</a>	TDS05SGRSTRO4	5	Recessed	Top Tape Seal	Tape & Reel
<a href="#">2-2319747-7</a>	TDS07SGRSTRO4	5	Recessed	Top Tape Seal	Tape & Reel
<a href="#">2-2319747-8</a>	TDS08SGRSTU04	8	Recessed	Top Tape Seal	Tape & Reel
<a href="#">2-2319747-9</a>	TDS09SGRSTRO4	9	Recessed	Top Tape Seal	Tape & Reel
<a href="#">1-2319747-5</a>	TDS10SGRSTU04	10	Recessed	Top Tape Seal	Tube
<a href="#">3-2319747-0</a>	TDS10SGRSTRO4	10	Recessed	Top Tape Seal	Tape & Reel

## Dimensions

Part Number 2319747



te.com

©2017 TE Connectivity. All Rights Reserved. TE, ALCOSWITCH, TE Connectivity, and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

1-1773931-8 BH 08/2017

USA: +1 (800) 522-6752  
 Canada: +1 (905) 475-6222  
 Mexico: +52 (0) 55-1106-0800  
 Latin/S. America: +54 (0) 11-4733-2200  
 Germany: +49 (0) 6251-133-1999  
 UK: +44 (0) 800-267666  
 France: +33 (0) 1-3420-8686  
 The Netherlands: +31 (0) 73-6246-999  
 China: +86 (0) 400-820-6015



## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9